

JIM

JAN 24 1983

To Tom P.

file WRSOC  
ACT/047/017

TRACTS U-a/U-b  
Coordination Meeting Agenda  
January 27, 1982

FEBRUARY 1983						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

Participants: White River Shale Oil Corporation (WRSOC)  
Oil Shale Office (OSO)  
Bureau of Land Management (BLM)  
USGS-Water Resources Division (WRD)  
Uintah County (UC)  
U. S. Fish & Wildlife Service (F&WS)  
Utah Division of Wildlife (DOW)  
Utah Division of Oil, Gas, & Mining (UDOGM)

MARCH 1983						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
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26	27	28	29	30	31	

Location: WRSOC Office at Vernal, Utah

TIME: 9:00 a.m.

Meeting Agenda:

1. Mining progress
2. Construction update
3. Update on retention dam and the test well
4. Socioeconomic program update
5. Status of permits
6. Plans for next quarterly monitoring meeting
7. Items of interest or concern to participants

BLM UC DOW  
WRD FWS UDOGM

8. Next meeting date and location: Tentatively set for February 25 with a tour of the tract.

RECEIVED  
JAN 21 1983

DIVISION OF  
OIL, GAS & MINING

# memorandum

DATE: January 19, 1983

REPLY TO  
ATTN OF: Don Johnson

SUBJECT: U-a/U-b Tract Coordination Meeting of January 5, 1983

JIM  
JAN 24 1983

TO: Coordination Meeting File.

The coordination meeting began at 9 a.m. at the WRSOC office in Vernal, Utah. Attendees at the meeting were:

<u>Name</u>	<u>Organization</u>	<u>Location</u>
Jim Godlove	White River Shale Oil Corp.	Salt Lake City
Jim Goff	"	Vernal
Bob Hobbs	"	"
Dean Evans	BLM	"
Brad Palmer	"	"
Don Johnson	USDI-BLM-OSO	Grand Junction
John Miley	" " "	"
Glen Miller	" " "	"
Glenn Andersen	USDI-USGS	Vernal

Note: The Tract Coordination Meetings will be scheduled toward the end of the month to accommodate reporting requirements for the OSO. This change in schedule for future meetings was proposed to meeting attendees with no adverse comments. The next meeting is scheduled for 9 a.m. at the WRSOC office at Vernal, Utah, on January 17, 1983. The February meeting is tentatively scheduled for Friday the 25th. The February meeting will include a tract tour. On Thursday, February 24th, we will conduct an environmental monitoring meeting at the WRSOC office beginning at 9 a.m. I apologize for the late notices for the coordination meetings. We did make a serious effort to notify each office by phone of the meeting details.

## ACTIVITY REPORT FOR TRACTS U-a/U-b

Nearly 280' of the decline have been cut by the Paurat mining machine. Three shifts have been operating daily with two shifts working on decline development and the other shift for maintenance procedures. The 6' diameter pilot bore was completed at the 200' station in the decline to prepare a 16' vent raise. Expansion of the pilot bore should be completed in early January.

Modifications are being made to the mining machine to improve its operation on the steep decline. The cutting boom has been lowered and shortened to improve muck loading and to improve balance on the decline. A counterweight was also added to improve balance. Initial tests with the modified mining machine are encouraging.

A hoist house is being constructed at the mouth of the decline. The enclosed hoist is nearly complete. This hoist will assist in mining and mucking operations on the steep decline.

BLM issued a right-of-way permit for the off-tract portion of the runoff retention dam. Work on the dam will begin in early January. The initial monitoring well was completed this month.

Framework is complete on the mine services building. About 70% of the heating, ventilation and air conditioning duct work on the building is complete. The building is to be completed by about mid-March.

The communications tower is complete and the phones were in operation on December 22.

The alluvial well access road was completed to grade and base gravel is in place.

The 1981 Environmental Progress Report was completed and sent to OSO and OSEAP.

Twenty-two RVs in the camp are expected to remain until mid-1983.

The Permits/Approvals status is listed in Table 1.

The Environmental Monitoring summary is listed in Table 2. Ice on the White River has eliminated the aquatic monitoring until the spring thaw.

Table 3 shows employment trends for the tract. The 38 shaft development employees are included in the 130 total number of employees.

ANTICIPATED ACTIVITIES FOR JANUARY 1983, TRACTS U-a and U-b

Complete the vent raise at the 200' decline station.

Continue sinking the decline with the Paurat mining machine.

Begin construction of the runoff retention dam.

Continue construction of the mine services building.

Next meeting: January 27, 1983, 9 a.m., at WRSOC office, Vernal, Utah.  
No tract tour.

TABLE 1

Permits/Approvals Acquired as of 1/3/83

1. Core Drilling TUP-BLM (8/24/81)
2. Authorization to Drill (shaft core drilling) - Utah Division of Oil, Gas, and Mining (9/15/81)
3. Authorization to Investigate (shaft core drilling) - Utah Division of Water Rights (9/24/81)
4. Endangered Species Biological Assessment/Clearance - USFWS (9/15/81)
5. Temporary Application to Appropriate Water (shaft core drilling) - Utah Division of Water Rights (10/21/81)
6. Approval for Tract Access Road Roadbed Width - Oil Shale Office (10/26/81)
7. Raw Shale Storage TUP-BLM (11/2/81)
8. Authorization for a Test Well (alluvial well exploration) - Utah Division of Water Rights (2/25/82)
9. Temporary Application to Appropriate Water (alluvial well exploration) - Utah Division of Water Rights (2/19/82)
10. NPDES Exemption (alluvial well exploration) - EPA (2/26/82) - verbal approval
11. Construction Permit (alluvial well exploration) - Utah Bureau of Water Pollution Control (2/16/82)
12. Geotechnical Shaft Coring Status Report - Utah Division of Oil, Gas, and Mining (1/28/82)
13. DDP - OSO (3/2/82)
14. Tract Access Road - OSO notification (3/15/82)
15. Tract Access Road - UBAQ notification (3/16/82)
16. Alluvial Well Exploration Plan - OSO (3/22/82)
17. Temporary Application to Appropriate Water (site geotechnical coring and tract access road) - Utah Division of Water Rights (4/2/82)
18. Interim Construction Camp - Uintah County notification (4/8/82)

Permits/Approvals Acquired as of 1/3/83

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19. Interim Construction Camp - OSO approval (4/19/82)
20. Site Geotechnical Investigation - OSO approval (4/23/82)
21. Off-tract Geotechnical Investigation - BLM TUP (4/28/82)
22. Archaeological Clearance for Site 42UN407 - OSO, BLM, Utah Division of State History (4/29/82)
23. Use of P-1 Holding Pond for Access Road Construction Water - Verbal approval from Utah Division of Water Rights (5/6/82), Utah Bureau of Water Pollution Control approval (5/6/82), OSO approval (5/11/82)
24. Mine Decline Transfer Point Test Core - OSO Approval (6/8/82) and Utah Division of Oil, Gas and Mining Approval (6/8/82)
25. Exploratory Drilling in Hell's Hole Canyon - Utah Division of Oil, Gas and Mining Approval of Letter of Intention to Commence Exploratory Drilling (6/8/82)
26. Temporary Application to appropriate water (250 acre-feet, for Phase I construction activities) - Utah Division of Water Rights (6/14/82)
27. OSO Approval for 25,000 yards of borrow for tract access road (7/14/82)
28. Interim Approval for mine related site prep associated with mine access road, production decline and related shaft areas, and mine services building - Utah Division of Oil Gas and Mining (7/8/82)
29. Uintah Basin Health Dept. approval of Interim RV Camp sewage system (verbal approval on 7/14/82, written approval not yet received)
30. OSO approval to proceed with mine related site prep as sought in WRSOC's 5/24/82 letter (verbal approval 7/16/82)
31. Mine Services Building - OSO notification (7/15/82)
32. Mine services building - plan approval from Uintah County Zoning Office (7/26/82)

Permits/Approvals Acquired as of 1/3/83

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33. Oil Shale Office approval to revegetate side slopes along the tract access road using WRSOC's proposed seed mix (8/2/82)
34. Approval to proceed with production well program (i.e., 404 permit not required) from U. S. Army Corps of Engineers (8/3/82)
35. Archaeological clearance for production well area and related access road - BLM (8/4/82)
36. OSO notification of plans to drill production wells and plans to discharge pump test waters directly to White River (8/3/82 and 8/9/82, respectively)
37. PSD Permit - Utah Bureau of Air Quality (8/4/82)
38. TUP for Northwest Quarter of Southwest Quarter of S15, R24E, T10S - BLM (8/10/82)
39. UDOGM approval for 10,000 yards of borrow from retention pond area (8/13/82)
40. Approval to discharge production well pump test waters directly to the White River - EPA Region VIII (8/19/82)
41. Notice of Intent to Commence Mining given to MSHA and MSHA Mine I.D. No. received (8/11/82 and 8/23/82, respectively)
42. Permit to Drill Production Wells - Utah Division of Water Rights (8/30/82)
43. DOGM Phase I Mining Permit (9/2/82)
44. Permit to discharge production well pump test waters to White River and to use existing holding pond - Utah Bureau of Water Pollution Control (9/8/82)
45. Approval of Subsidence Mitigation Plan - OSO (9/15/82)
46. County Building Permit for water, sewer and electric utilities exterior to mine services building - Uintah County (9/16/82)
47. Approval for 13.2 KV Electrical Distribution System - OSO (9/13/82)

Permits/Approvals Acquired as of 1/3/83

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48. Approval for Non-hazardous Solid Waste Disposal Plan - Utah Bureau of Solid Waste (9/30/82)
49. Approval for Potable Water System for RV Camp - Uintah County Health Dept. (verbal approval after inspection 9/24/82)
50. County Building Permit for Electrical Distribution System (9/16/82)
51. UBAQ Approval to Operate Temporary Mine Construction Equipment (10/20/82)
52. Utah Bureau of Public Drinking Water Approval for Potable Water Distribution System (10/1/82)
53. BLM Right-of-Way for Communications Tower on Blue Mountain (10/22/82)
54. OSO Approval for Mining Plans as Described in DDP Update (10/29/82)
55. Declaration of Exemption for Hell's Hole Sampling Operation - Utah Division of Oil, Gas and Mining (10/15/82)
56. Utah Bureau of Water Pollution Control Construction Permit for the Runoff Retention Pond and Dam (11/1/82)
57. Utah Bureau of Water Pollution Control Construction Permit for sewage lines and effluent holding pond associated with the RBC sewage treatment facility (11/1/82)
58. Utah Bureau of Water Pollution Control "Conceptual Approval" for the RBC Sewage Treatment Facility (11/1/82)
59. OSO Approval for Sewage Treatment System (10/19/82)
60. Building Permit for Microwave Tower and Equipment Building and Water Truck Loading Facility (10/23/82)
61. Building Permit for Decline Portal Retaining Wall (11/15/82)
62. FAA Notice of Landing Area Proposal for Helipad (11/15/82)
63. Modification to Water Well Layout - OSO (11/16/82)

Permits/Approvals Acquired as of 1/3/83

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64. Division of Oil, Gas and Mining Approval for an Additional 30 Acres of Disturbance Beyond 110 (12/2/82)
65. Construction Permit from Utah Bureau of Public Water Supply for Potable Water Treatment Facility (12/3/82)
66. USFWS/BLM Approval of Raptor Protection for 13.2 KV Powerline
67. TUP for Retention Dam and Pond (12/6/82) - BLM
68. Microwave Radio License (received December 7, 1982, effective October 29, 1982) - FCC
69. Right-of-Way for Retention Pond and Dam (12/10/82) - BLM
70. Plan Approval for Runoff Retention Pond and Dam (12/21/82) - Utah State Engineer
71. Utah Bureau of Water Pollution Control Construction Permit for RBC Sewage Treatment System (12/23/82)
72. Utah Bureau of Water Pollution Control Construction Permit for Runoff Retention Pond for Mine Services Building Area (12/23/82)
73. OSO/BLM Approval for Project Signs (12/23/82)
74. Uintah County Building Permit for Utility System which includes Sewage Treatment Plant, Water Treatment Plant, Substation and Switchgear Plant, and 750 KV Transformer (12/1/82)
75. Uintah County Building Permit for Runoff Retention Pond and Dam and Temporary Structures (12/7/82)
76. Uintah County Building Permit for Site Preparation not covered in previous building permits (12/13/82)
77. Uintah County notice indicating that conditional use permit application is complete and adequate (12/20/82)
78. Board of Oil, Gas & Mining Conditional Approval for Additional 360 Acres of Disturbance (12/30/82; final action expected in mid-February).

Permit Application/Approval Request/Plans Submitted to Cognizant  
Agency as of 1/3/83

1. DDP Update - OSO (9/3/82)
2. Application to Appropriate Runoff for Retention Dam and Pond  
- Utah Division of Water Rights (9/22/82)
3. DOGM Approval for 360 Acres of Additional Disturbance  
(11/19/82)

Permit Applications/Approval Requests/Plans in Preparation  
as of January 3, 1983  
(submittal date)

General:

1. Archaeological Sites Assessment - Utah Bureau of State  
History (February 1, 1983)

Retention Pond and Dam:

1. NPDES Permit (February 1, 1983)
2. Borrow Permit (as needed)

Mine:

1. Construction Permit - Mine Dewatering Facility (If needed)
2. Shaft sinker permits (if needed)

Miscellaneous:

1. Borrow locations for Phase I construction and related permits
2. Corp of Engineer's Approval for Bank Stabilization in the  
Alluvial Well Vicinity (February 1, 1983)

TABLE 2

WHITE RIVER SHALE PROJECT  
ENVIRONMENTAL MONITORING

December, 1982

AIR RESOURCES

- o Routine monitoring.

VEGETATION

- o Soil microbiology samples collected.

AQUATIC BIOLOGY

- o Routine monthly monitoring.
- o Discussed joint monitoring of White River with Utah Division of Water Resources relative to White River Dam.

TERESTRIAL FAUNA

- o Routine laboratory analyses for previous months collections.

WATER RESOURCES

- o White River discharge at 263 cfs with total ice cover.
- o Completed single bedrock monitoring well below runoff dam. No water encountered during sinking. Standing water level 284.2 ft. (about 16 ft. total water depth).
- o Routine monitoring.

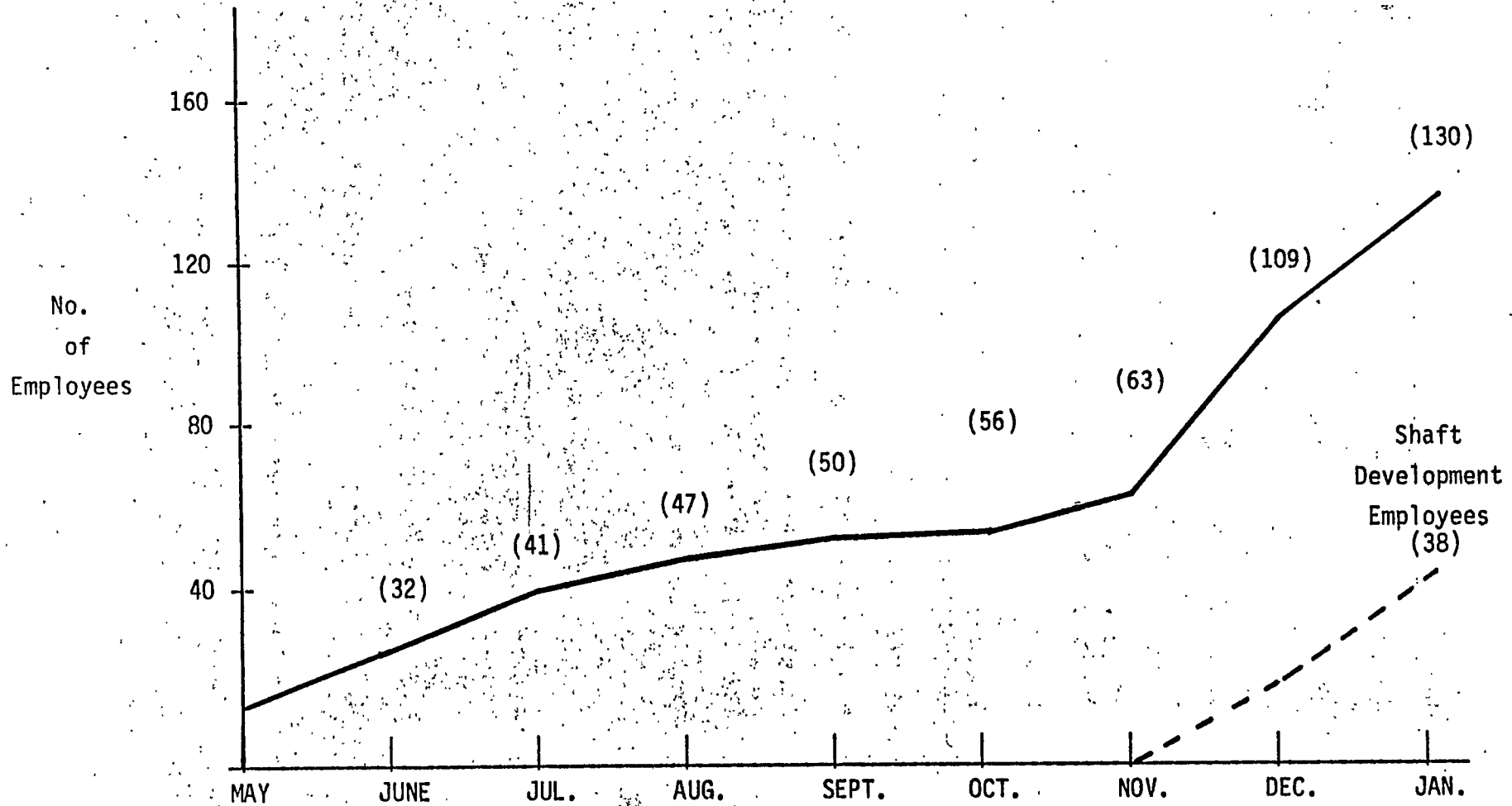
GENERAL

- o Final 1981 Environmental Progress Report issued.
- o Data management project to compile all previous data onto computer tape essentially complete. Tapes will be sent to OSO in January, 1983.

PLANNED ACTIVITIES FOR DECEMBER 1982

- o Complete report for single monitoring well below runoff dam.
- o Complete data management project.
- o Routine monitoring.

# WHITE RIVER SHALE PROJECT - NO. OF EMPLOYEES



1982-83